

IN THE CLAIMS:

1. (Currently Amended) A framework for creating an extensible Web application, comprising:
 - a server object configured to receive a request for the extensible Web application;
 - a request object configured to be called by the server object upon receiving the request;
 - a first handler object, configured to respond to the request using the request object; and
 - a properties object comprising information used by the first handler object, the server object, and the request object to respond to the request,wherein the properties object includes a data dictionary, wherein the data dictionary comprises at least one attribute-value pair.
2. (Previously Presented) The framework of claim 1, wherein the server object is configured to call an initialization method of the first handler object, wherein the first handler object is associated with a handler object name.
3. (Previously Presented) The framework of claim 2, wherein the first handler object is configured to instantiate a second handler object.
4. (Cancelled)
5. (Cancelled)
6. (Previously Presented) The framework of claim 23, wherein the first handler object is configured to modify the properties object to obtain a modified request object.
7. (Currently Amended) A method of operating a Web application, comprising:
 - creating a server object comprising a properties object;

creating a first handler object;
receiving an indication of a request;
upon receiving the indication, creating a request object;
calling a method of the request object to obtain the request at a port; and
calling a first response method of the first handler object and passing the request
object to the first handler object
wherein the properties object includes a data dictionary, wherein the data dictionary
comprises at least one attribute-value pair.

8. (Previously Presented) The method of claim 26, further comprising:
calling a second response method of a second handler object in formulating the
response.

9. (Currently Amended) A method of aggregating content from various sources
comprising:
creating a first server with specified properties;
waiting for a request for aggregated content;
creating a request object;
calling the request object to obtain the request;
calling a first handler object and passing to the first handler object the request object to
respond to the request;
calling a plurality of handler objects from the first handler object in order to respond to
the request until a second handler object of the plurality of handler objects returns
an indication of responding; and
modifying a properties object to coordinate information exchange with at least one of
the plurality of handler objects,
wherein the properties object includes a data dictionary, wherein the data dictionary
comprises at least one attribute-value pair.

10. (Cancelled)

11. (Previously Presented) The method of claim 9, wherein one of the plurality of handler objects calls another of the plurality of handler objects.

12. (Cancelled)

13. (Previously Presented) The method of claim 9, wherein at least one of the plurality of handler objects obtains content from a second server, and wherein at least one of the plurality of handler objects extracts relevant information from the content, and at least one of the plurality of handler reformats the content according to a template.

14. (Currently Amended) A method of creating an extensible Web application comprising:

providing at least one handler object, having a response method for performing an action based on a request object; and

providing a properties object comprising information used by the at least one handler object,

wherein the properties object includes a data dictionary, wherein the data dictionary comprises at least one attribute-value pair.

15. (Original) The method of claim 14, wherein the at least one handler object is called on to respond to a request embodied in the request object.

16. (Previously Presented) The method of claim 15, wherein a plurality of handler objects is called upon by the at least one handler object to respond to the request, and at least two of the plurality of handler objects exchange information via the properties object.

17. (Currently Amended) A computer program product, including a computer readable medium, the computer readable medium having a computer program stored thereon, the computer program having components for execution in a processor within a computer, the computer program product comprising:

a server object configured to receive a request for the a extensible Web application;
a request object configured to be called by the server object upon receiving the
request;
a first handler object, configured to respond to the request using the request object;
and
a properties object comprising information used by the first handler object, the server
object, and the request object to respond to the request,
wherein the properties object includes a data dictionary, wherein the data dictionary
comprises at least one attribute-value pair.

18. (Previously Presented) The computer program product of claim 17, wherein the first
handler object is configured to call a second handler object.
19. (Previously Presented) The computer program product of claim 17, wherein the first
handler object is configured to modify the properties object and respond to the
request based on the properties object.
20. (Currently Amended) A method of communicating with a device comprising:
receiving an HTTP request from a requester;
extracting request information from the HTTP request wherein the request
information includes commands for interacting with the device;
calling a handler object with the request information;
invoking the commands on the device;
receiving device information from the device; and
returning device information via HTTP to the requester;
wherein the handler object uses information from a properties object,
wherein the properties object includes a data dictionary, wherein the data dictionary
comprises at least one attribute-value pair.
21. (Previously Presented) The framework of claim 2, wherein the request object is
configured to obtain and parse the request.

22. (Previously Presented) The framework of claim 3, wherein the first handler object is configured to use the second handler object to respond to the request.
23. (Previously Presented) The framework of claim 22, wherein the request object comprises information related to the request.
24. (Previously presented) The framework of claim 6, wherein the modified request object is used by the second handler object to respond to the request.
25. (Previously presented) The framework of claim 24, wherein the information related to the request is a name value pair.
26. (Previously Presented) The method of claim 7, further comprising:
formulating a response to the request.
27. (Previously Presented) A method for processing a request from a web application comprising:
receiving the request by a server object;
generating a request object to manage processing of the request;
forwarding the request to a handler object by the request handler;
processing the request using the handler object, wherein processing the request using the handler object comprises sequentially invoking a plurality of interior node handler objects, wherein each of the plurality of interior node handler objects processes a portion of the request to obtain a partial result; and
storing the partial result in a properties object.
28. (Previously Presented) A framework for processing a request from a web application comprising:
a request object configured to manage processing of the request;
a handler object configured to perform the request using the request object by

sequentially invoking a plurality of interior node handler objects, wherein each of the plurality of interior node handler objects processes a portion of the request to obtain a partial result;

a server object configured to receive the request and initialize the request object and the handler object; and

a properties object configured to provide information to the server object to initialize the request object and the handler object, and configured to store the partial result.